

FIG. 1  
(PRIOR ART)

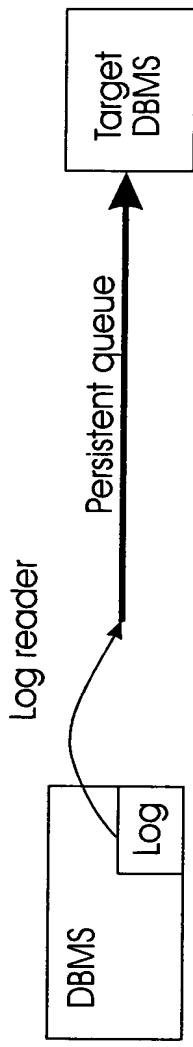
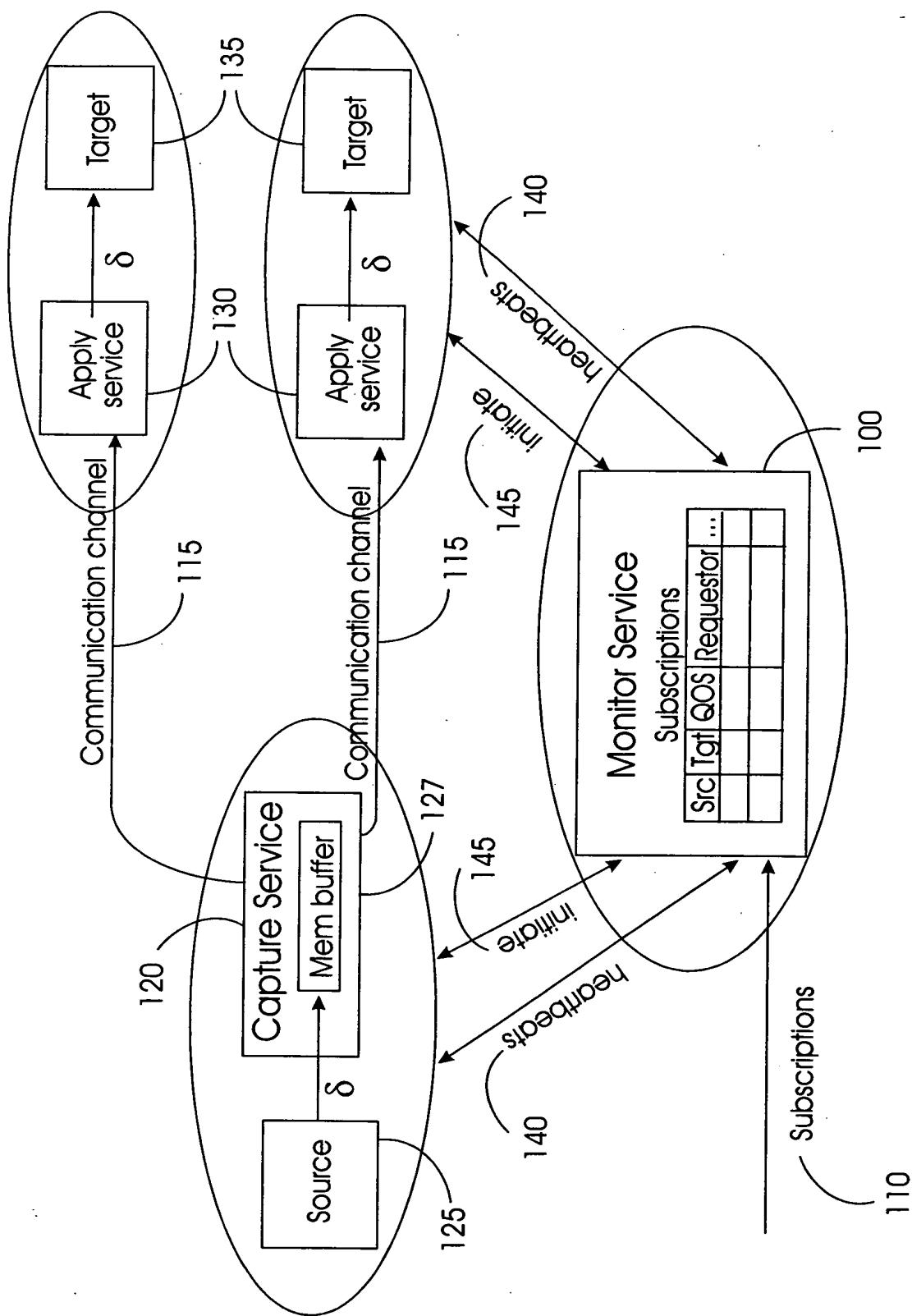


FIG. 2  
(PRIOR ART)

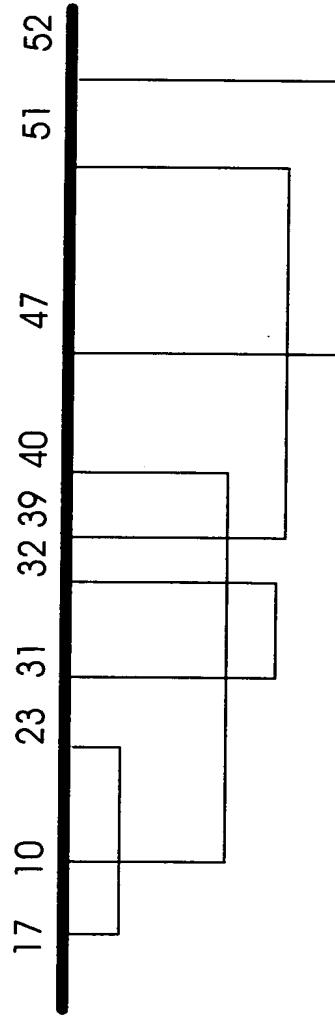


F/G. 3



Deltas sent to target

Delta	timeStamp	seqNum
$\delta_1$	23	1
$\delta_2$	32	2
$\delta_3$	40	3
$\delta_4$	51	4
$\delta_5$	52	5

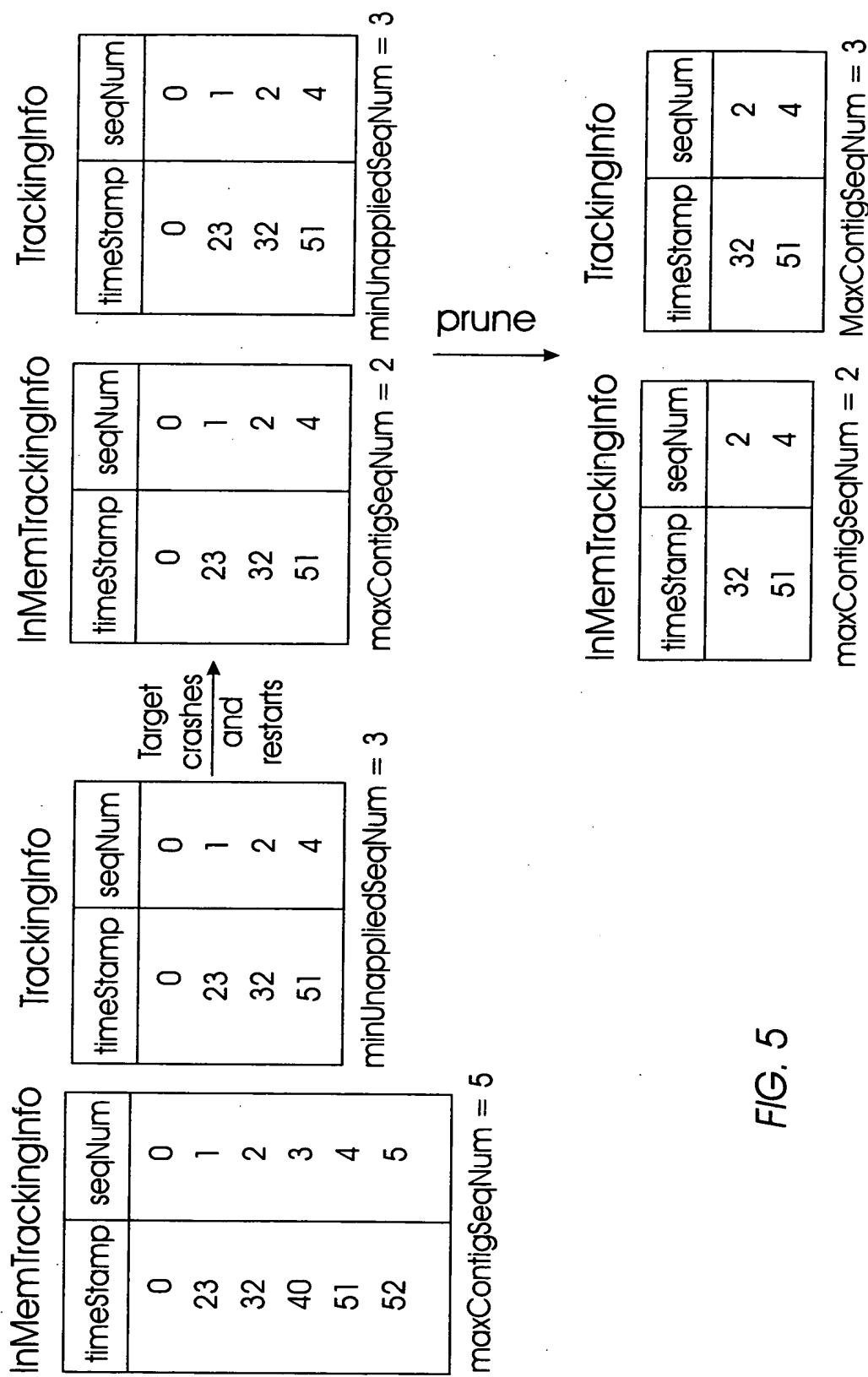


Log, with LSNs of 1st and last  
(commit) record marked for each delta

Occasional Heartbeats  
to Monitor Service

inFlightLSN	timeStamp
19	23
47	51

FIG. 4



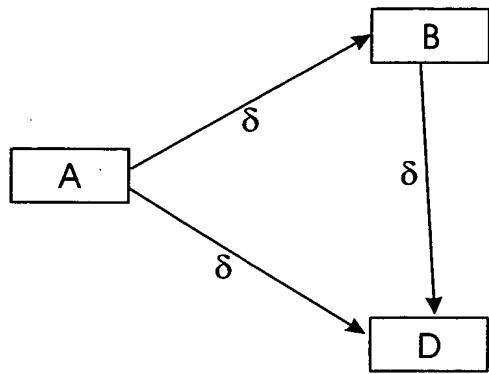


FIG. 6

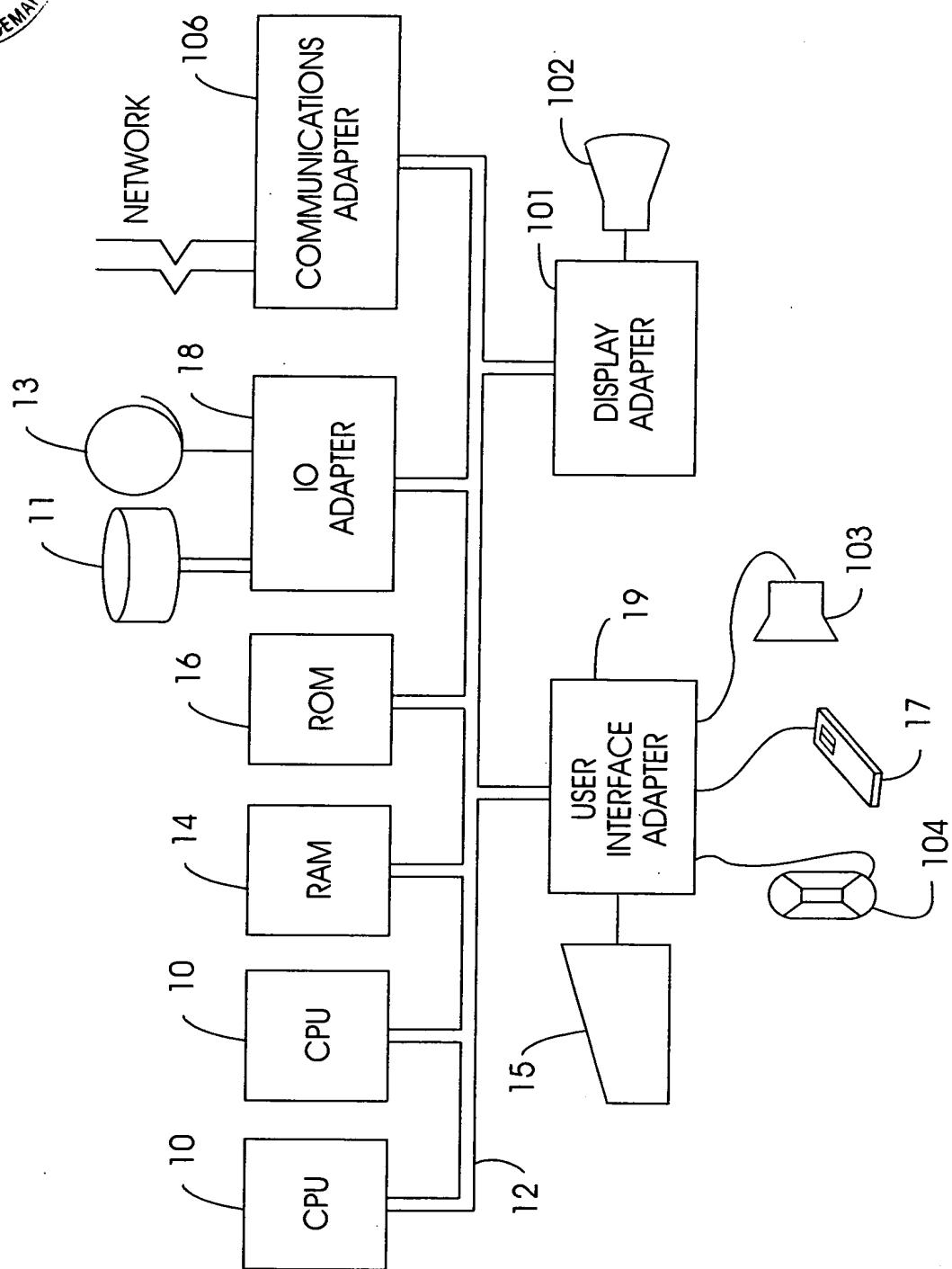


FIG. 7

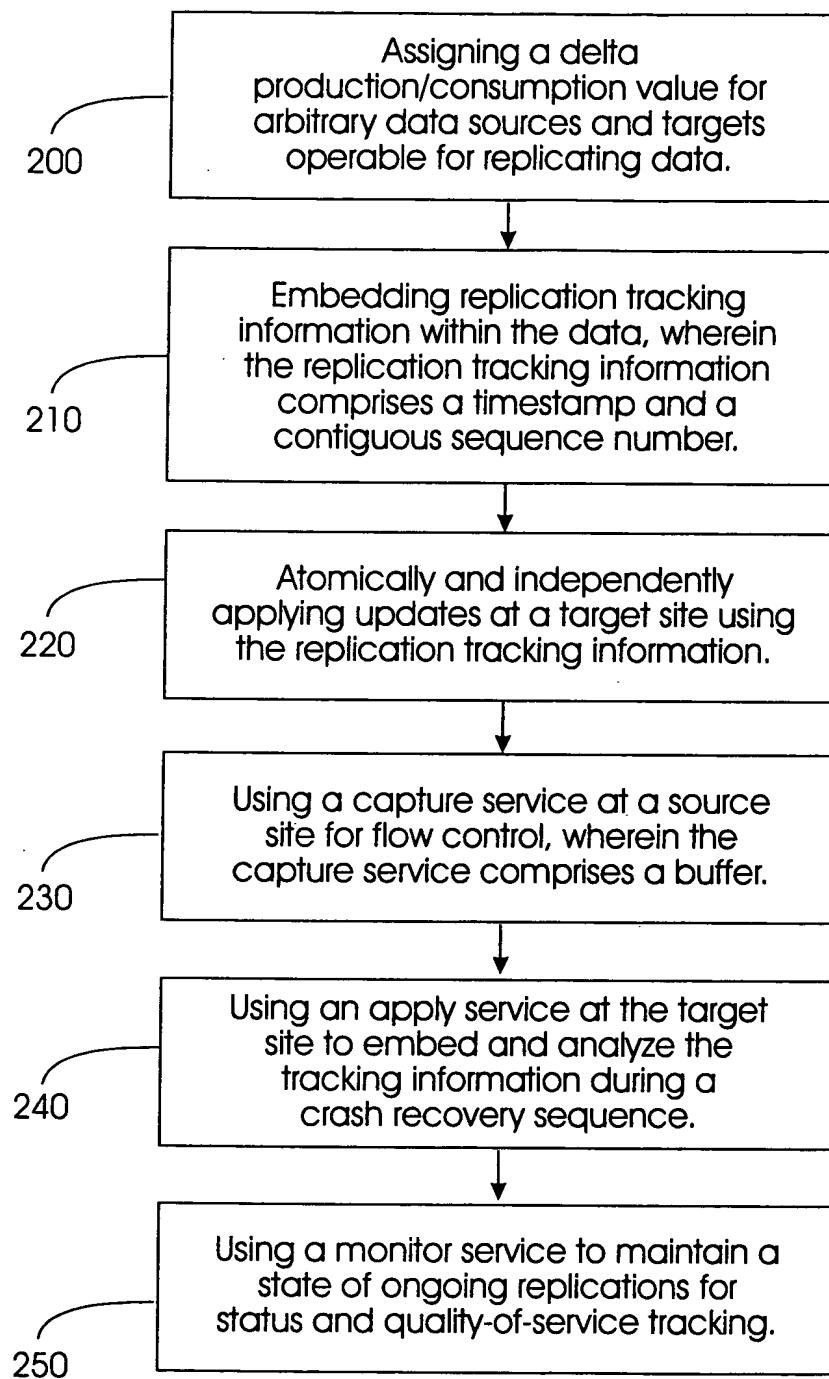


FIG. 8